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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Application Number

09 | 670096

Filing Date

**First Named Inventor**

Linda S. Mansfield

Group Art Unit

1645

Examiner Name \_\_\_\_\_

## BASIC

Attorney Docket Number

MSU 4.1-458

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DB	AA	5,935,591		Rossignol et al	8/1999	
	AB	4,883,095		Granstrom et al	3/1999	
	AC	5,830,893		Russell	11/1998	
	AD	4,747,476		Russell	5/1998	
	AE	5,925,622		Rossignol et al	7/1999	
	AF	5,725,863		Daniels et al	3/1998	
	AG	5,585,100		Mond et al	12/1996	
	AH	5,589,384		Liscombe	12/1996	
	AI	5,229,293		Matsuura et al	7/1993	
	AJ	5,223,424		Cochran et al	6/1993	
	AK	5,338,683		Paoletti	8/1994	
	AL	5,494,807		Paoletti et al	2/1996	
	AM	5,935,777		Moyer et al	8/1999	
	AN	5,928,913		Efstathiou et al	7/1999	
	AO	5,741,696		Cochran et al	4/1998	
	AP	5,731,188		Cochran et al	3/1998	
	AQ	5,266,313		Esposito et al	11/1993	
	AR	5,800,821		Acheson et al	9/1998	
	AS	5,703,055		Felgner	12/1997	
DB	AT	5,589,466		Felgner	12/1996	

[illegible]

Padmakshar

11/19/01

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-96)  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number		091670096			
Filing Date					
First Named Inventor		Linda S. Mansfield			
Group Art Unit		1645			
Examiner Name		BaSka			
Attorney Docket Number		MSU 4.1-458			
Sheet	2	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>3</sup> (if known)			
PB	AU	5,580,859		Felgner	12/1996	
	AV	5,561,064		Marquet et al	10/1996	
	AW	5,977,322		Marks et al	11/1999	
	AX	5,693,762		Queen et al	12/1997	
	AY	5,693,761		Queen et al	12/1997	
	AZ	5,620,845		Gould et al	4/1997	
	BA	5,559,041		Kang et al	9/1996	
	BB	5,656,448		Kang et al	8/1997	
	BC	5,728,587		Kang et al	3/1998	
	BD	5,695,928		Stewart	12/1997	
PB	BE	5,169,789		Bernstein	12/1992	
	BF	4,486,530		David et al	12/1984	
	BG	4,786,589		Rounds	11/1988	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

Examiner Signature		Date Considered	11/19/01
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO			Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	09670097	
			Filing Date		
			First Named Inventor	Linda S. Mansfield	
			Group Art Unit	1645	
			Examiner Name	Baskin	
Sheet	1	of	2	Attorney Docket Number	MSU 4.1-458

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PB	A	McKay et al., Veterinary Clinics of North America: Equine Practice for Practicing Vets. 13(1):79-96 (1997)	
	B	Blythe et al., J. Am. Vet. Med. Assoc. 210: 525-527 (1997).	
	C	Saville et al., J. Am. Vet. Assoc. 210: 519-524 (1997).	
	D	Bentz et al., J. Am. Vet. Med. Assoc. 210: 517-518 (1997).	
	E	Granstom et al., J. Vet. Diag. Invest. 5: 88-90 (1993).	
	F	Fenger et al., Vet. Parasitol. 68: 199-213 (1997).	
	G	Martenuik et al., Proceedings of the Conference of Research Workers in Animal Diseases, Chicago, IL (1997).	
	H	Motin et al., Infect. Immun. 64: 4313-4318 (1996).	
	I	Motin et al., Infect. Immun. 64: 3021-3029 (1995).	
	J	<del>Molecular Cloning: A Laboratory Manual, Second Ed. edited by Sambrook et al. Cold Spring Harbor Lab. Press, Cold Spring Harbor, New York (1989).</del>	
PB	K	Engvall et al., Immunochem. 8: 871 (1971).	

Examiner Signature	<i>Padua Baskin</i>	Date Considered	11/19/01
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known

Application Number 09 670096  
Filing Date  
First Named Inventor Linda S. Mansfield  
Group Art Unit 1645  
Examiner Name Barker  
Attorney Docket Number MSU 4.1-458

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PB	L	Ljunggren et al., J. Immunol. Methods 104: 7-14 (1987).	
	M	Kemeny et al., J. Immunol. Methods 87: 45-50 (1986).	
	N	Antibodies, A Laboratory Manual, eds. Harlow and Lane, Cold Spring Harbor Lab. Press, Cold Spring Harbor, New York, (1988).	
	O	Sloss et al., In Veterinary Clinical Parasitology, Iowa State Univ. Press, Ames, Iowa, (1994) p. 198	
	P	Marsh et al., J. Parasitology 83: 1189-1192 (1997).	
PB	Q	Speer et al., J. Protozoology 33: 486-490 (1986).	

Examiner Signature

*Linda S. Mansfield*

Date Considered

11/12/01

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